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SEQUENCE LISTING

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<120> MAPPING DISCONTINUOUS ANTIBODY OR APTAMER EPITOPE FOR PROTEIN  
STRUCTURE DETERMINATION AND OTHER APPLICATIONS

<130> FP-72201-RMS

<140> PCT/US 2004/011905  
<141> 2004-04-14

<150> US 60/462,870  
<151> 2003-04-14

<160> 7

<170> PatentIn version 3.3

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<223> Xaa can be any naturally occurring amino acid

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Asp Glu Asp Glu Thr Thr Ala Leu Val Cys Asp Asn Gly Ser Gly Leu  
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Val Lys Ala Xaa  
20 25 30

Xaa  
35 40 45

Xaa  
50 55 60

Xaa  
65 70 75 80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr Asn Glu Leu Arg Val  
85 90 95

Ala Pro Glu Glu His Pro Thr Leu Leu Thr Glu Ala Pro Leu Asn Pro  
100 105 110

Lys Ala Asn Arg Glu Lys Met Thr Gln Ile Met Phe Glu Thr Phe Asn  
115 120 125

Val Pro Ala Met Tyr Val Ala Ile Gln Ala Val Leu Ser Leu Tyr Ala  
130 135 140

Ser Gly Arg Thr Thr Gly Ile Val Leu Asp Ser Gly Asp Gly Val Thr  
145 150 155 160

His Asn Val Pro Ile Tyr Glu Gly Tyr Ala Leu Pro His Ala Ile Met  
165 170 175

Arg Leu Asp Leu Ala Gly Arg Asp Leu Thr Asp Tyr Leu Xaa Xaa Xaa  
180 185 190

Xaa  
195 200 205

Xaa  
210 215 220

Xaa  
225 230 235 240

Xaa  
245 250 255

Xaa  
260 265 270

Xaa  
275 280 285

Xaa  
290 295 300

Xaa  
305 310 315 320

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ala Pro Pro Glu Arg Lys  
325 330 335

Tyr Ser Val Trp Ile Gly Gly Ser Ile Leu Ala Ser Leu Ser Thr Phe  
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Gln Gln Met Trp Ile Thr Lys Gln Glu Tyr Asp Glu Ala Gly Pro Ser  
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Ile Val His Arg  
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<223> Xaa at positions 3-6 can be any amino acid, where up to 3 of the amino acids in positions 3-6 can be absent

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